A. CLASSI	FICATION OF SUBJECT MATTER G06F 1/32
176 /	GUOF 1/ 32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ll} \mbox{Minimum documentation searched (classification system followed by classification symbols)} \\ \mbox{IPC 7} & \mbox{G06F} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category °	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to daim No.			
A	US 6 205 555 B1 (KAGESHIMA ATSUSHI ET AL) 20 March 2001 (2001-03-20) paragraphs '0004!, '0006!, '0020! abstract	1-10			
A	EP 1 351 148 A (TEXAS INSTRUMENTS INCORPORATED) 8 October 2003 (2003-10-08) paragraph '0006! abstract	1-10			
Α	EP 1 209 478 A (INTERNATIONAL BUSINESS MACHINES CORPORATION) 29 May 2002 (2002-05-29) paragraphs '0002! - '0008! abstract	1-10			

Further documents are listed in the continuation of box C.	χ Patent family members are listed in annex.			
Special categories of cited documents: 'A' document defining the general state of the art which is not considered to be of particular relevance 'E' earlier document but published on or after the International filling date 'L' document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) 'O' document referring to an oral disclosure, use, exhibition or other means 'P' document published prior to the international filling date but later than the priority date claimed	 *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family 			
Date of the actual completion of the International search 14 February 2005	Date of mailing of the international search report 21/02/2005			
Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo ni, Fax: (+31-70) 340-3016	Authorized officer Anastassiades, G			

Inte 181 Application No PCT/IB2004/052584

INTERNATIONAL SEARCH REPORT

INTERNATIONAL SEARCH REPORT

Information on patent family members

Inte al Application No
PCT/IB2004/052584

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
US 6205555	B1	20-03-2001	JP	11232147 A	4	27-08-1999
EP 1351148	Α	08-10-2003	US	2003191986 A	\1	09-10-2003
			US	2003191976 A	۱1	09-10-2003
			EΡ	1351148 A	12	08-10-2003
			JP	2003345472 A		05-12-2003
			US	2003191791 A		09-10-2003
EP 1209478	A	29-05-2002	JP	2002168926 A	1	14-06-2002
			CA	2359829 A	11	15-05-2002
			EP	1209478 A	12	29-05-2002
			US	2002087278 A	۱۱	04-07-2002
			US	2004227488 A	A1	18-11-2004
US 2003079150	A1	24-04-2003	EP	1444563 A	\1	11-08-2004
2,22,2			WO	03036449 A	A1	01-05-2003
JP 2004021905	Α	22-01-2004	NONE			